

Guidelines for Electronic Filing of Maps for the Kentucky State Board on Electric Generation and Transmission Siting

The Kentucky State Board on Electric Generation and Transmission Siting expects that maps will be submitted with each application. It is recommended that the applicant for construction of a merchant power plant submit maps for the Siting Board at a scale of 1:24,000 (equivalent to 1 inch = 2,000 feet) or greater (such as 1:12,000 or 1 inch = 1,000 feet). Maps should include the following features:

- the location of the proposed plant, including site boundaries and buildings
- the location of the all utility lines that will need to be built and/or upgraded for the operation of the proposed plant. These lines should be shown to the point where they connect with an existing utility line or facility. This includes electric lines and facilities, and, if applicable, water pipelines and facilities, gas mains and facilities, and wastewater pipelines and facilities.
- the location of all roads, access ways, and railroads near the plant
- the location of the proposed site and residential neighborhoods, residential structures, and public and private parks within a two mile radius

Applications for the construction of non-regulated transmission lines must include a map or maps of the proposed electric lines and facilities, as well as proposed right-of-way limits, and existing parcel lines (with the owner's name) over which the line will cross. In addition, the map or maps must show residential neighborhoods, schools, and public and private parks within one mile of the proposed facilities. It is recommended that the location of existing electric facilities at the point of interconnection and access roads for construction also be shown.

For all applications features should be placed on a basemap, such as a U.S.G.S. topographic quadrangle, or some other basemap with good locational reference information. Digital base map data is available at no cost through Kentucky's Geography Network (<http://kygeonet.state.ky.us/>).

Converting a map to a PDF file

Maps must be submitted as PDF files. The following are some hints on making PDF files for maps:

- Make a PDF file with Adobe Acrobat using the PDF Writer or Acrobat Distiller as a printer with your CAD or GIS software.
- Make separate PDF files for each oversize map.
- If there is a dense image base map (such as a USGS topographic image file) included in the construction of the CAD or GIS map, then the PDF will be very large. Be prepared to tile the map.
- The size of the map should be limited to 36" x 45". (Adobe PDF Writer is limited to 45" x 45", and plotters are often limited to 36" paper.)
- Do not reduce the map to fit into an 8.5 x 11" format if it makes the type illegible.

- Maps do not need to be made into a "searchable" PDF.
- Adobe Acrobat Distiller can use Postscript (.ps, .prn) and Encapsulated PostScript (.eps) files to make a PDF file. In addition the following image files can be used to make a PDF file: Windows bitmap (.bmp), GIF (.gif), JPEG (.jpg), PCX (.pcx), PNG (.png), RLE (.rle), TIFF (.tif).

Electronic Submittal

According to the regulations, an application for construction of a merchant electricity generating plant or nonregulated transmission line shall file an original and ten (10) paper copies, and one (1) copy in electronic format with the Siting Board. This includes the maps. The electronic copy of the maps must be submitted using the procedures and format outlined in the Electronic Filing Instructions. Oversize maps may be submitted as separate Adobe Acrobat PDF files. If the PDF files are too large for efficient electronic submittal, they may be mailed overnight (U.S. Postal Service Express Mail) to the PSC Docket Control Branch on a CD. Each filing must include the two additional documents, "read1st.pdf" and "index.pdf", that are described in the Electronic Filing Instructions. Each time a filing is made the PSC and all other parties must be notified by e-mail (see Electronic Filing Instructions.)

Security Concerns

Since September 11, 2001, there have been security concerns about placing maps of utilities out on the World Wide Web for anyone to access. This includes proposed power plants. Consequently, detailed and oversize maps will be not made available on the World Wide Web and will be called "classified" maps. This does not apply to thematic maps that are incorporated within textual documents. "Classified" maps must be submitted as separate PDF files. The electronic case file on the web will include the "read1st.pdf" and "index.pdf" in order to notify all parties and the public that a map has been submitted.

The PSC will insert a document in the electronic case file giving the public instructions on accessing the maps, including the following information:

- The public may view "classified" paper maps at the Public Service Commission at 211 Sower Boulevard, Frankfort, during regular business hours.
- The public may submit a written request for the "classified" maps to the Docket Control Branch, Kentucky Public Service Commission, P.O. Box 615, Frankfort, KY 40601. The letter must include a signature, printed name, title and organization if applicable, mailing address, phone number, and optional email address. The letter should indicate if printed paper oversize maps, at \$8 per sheet, are desired. Otherwise, the PDF files will be sent by first class mail on a CD at no cost to the requesting party.
- "Classified" maps will be available for viewing at any public hearing.

The filer should indicate in the "read1st.pdf" that the submission contains detailed maps, that World Wide Web access is inappropriate for security reasons, and the

maps should be treated as "classified". In order for the PSC Docket staff to differentiate this filing from other filings, the map file name must begin with MAP. An example of the naming convention for the submission of two "classified" maps from LGE on April 14, 2002, is:

Read1st_041402.pdf - Read first document of LGE April 14, 2002 filing

Index_041402.pdf - Index of LGE April 14, 2002 filing

MAP_LGE_ElectTrans_041402.pdf - LGE map of Electric Transmission filed April 14, 2002

MAP_LGE_Plant_0414002.pdf - LGE map of Plant Facilities filed April 14, 2002